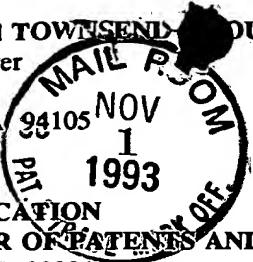


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PATENT APPLICATION
COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D. C. 20231

Sir:

Transmitted herewith for filing is the [] patent application, [x] continuation-in-part patent of USSN 07/969,916, filed November 2, 1992 application of

Inventors: Geetha Rangan, Debra J. Worsley, Richard Thaik & Brian C. Edem

For: DATA COMMUNICATION NETWORK WITH TRANSFER PORT, CASCADE PORT AND/OR FRAME SYNCHRONIZING SIGNAL

Enclosed are:

[X] twenty-eight (28) sheets of [] formal [x] informal drawings.
[X] An assignment of the invention to NATIONAL SEMICONDUCTOR CORPORATION
[X] An [] signed [X] unsigned Declaration & Power of Attorney.
[] A [] signed [] unsigned Declaration.
[] A Power of Attorney.
[] A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
[] A certified copy of a _____ application.
[] Information Disclosure Statement under 37 CFR 1.97.
[]

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	18 -20=	0
INDEP CLAIMS	4 -3=	1
[] MULTIPLE DEPENDENT CLAIM PRESENTED		

* If the difference in Col. 1 is less than zero,
enter "0" in Col. 2

Please charge Deposit Account No. 20-1430 as follows:

[X] Filing fee \$ 784.00
[X] Any additional fees associated with this paper or during the pendency of this application
[] The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
[] A check for \$ _____ is enclosed.

2 copies of this sheet are enclosed.

Atty. Docket # 332-327/NS-202303 147359

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Date of Deposit November 1, 1993

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D. C. 20231

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SMALL ENTITY		OTHER THAN A SMALL ENTITY	
OR	RATE	OR	RATE
OR	\$355	OR	\$710
OR	x11= \$	OR	x0= \$ 0
OR	x37= \$	OR	x74= \$ 74
OR	+115= \$	OR	+230= \$ 0
OR	TOTAL \$	OR	TOTAL \$784

Respectfully submitted,

TOWNSEND and TOWNSEND KHOURIE and CREW

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APP.TRN 12/92